

G-Invoicing Overview

The Government Invoicing (G-Invoicing) application is a central repository used to support intragovernmental transactions (IGT) with the long-term goal of improved accounting accuracy between Federal Program Agencies.

G-Invoicing has three main functional areas:

- General Terms and Conditions (GT&C)
- G-Invoicing Orders
- Performance Transactions and Settlement/Remittance

Buyer Seller G-Invoicing Servicing Requesting GT&C Agency Agency Systems Systems Performance Performance Remittance Remittance **IPAC** Settlement GTAS Monthly ATB Monthly ATB

Figure 1: High-level Overview of Treasury's G-Invoicing Process

Below are the basic steps in the High-level Overview of Treasury's G-Invoicing Process illustrated in the figure above.

Buyer

- GT&C information is passed between the Buyer and the G-Invoicing system
- Between the G-Invoicing system and the Requesting Agency Systems:
 - o GT&C information is sent from the G-Invoicing system to the Requesting Agency Systems



- o Order information is passed between the G-Invoicing system and Requesting Agency Systems
- o Performance information is passed between the G-Invoicing system and Requesting Agency Systems
- o Remittance information is sent from the G-Invoicing system to the Requesting Agency Systems
- The Requesting Agency Systems send Monthly Adjusted Trial Balance (ATB) information to Governmentwide Treasury Account Symbol (GTAS)

Seller

- GT&C information is passed between the Seller and the G-Invoicing system
- Between the G-Invoicing system and the Requesting Agency Systems:
 - o GT&C information is sent from the G-Invoicing system to the Servicing Agency Systems
 - o Order information is passed between the G-Invoicing system and Servicing Agency Systems
 - o Performance information is passed between the G-Invoicing system and Servicing Agency Systems
 - o Remittance information is sent from the G-Invoicing system to the Servicing Agency Systems
- The Servicing Agency Systems send Monthly ATB information to GTAS
- Settlement information is passed between the G-Invoicing system and Intra-Governmental Payment and Collection (IPAC)

G-Invoicing will improve the quality and reliability of IGT Buy/Sell information through brokering transactions in accordance with the standard processes outlined in the Treasury Financial Manual (TFM), and ensuring the data captured complies with the Federal Intragovernmental Data Standard (FIDS).

- Treasury Financial Manual Information
 - o TFM Part 2, Chapter 4700: Federal Entity Reporting Requirements for the Financial Report of the United States Government
 - o Appendix 8 Intra-governmental Transactions (IGT) Buy/Sell
 - o https://tfm.fiscal.treasury.gov/v1/p2/c470.html

General Terms & Conditions (GT&C) Overview

General Terms & Conditions or GT&Cs are manually entered in G-Invoicing and pulled into Pegasys via the Pegasys GT&C Integration. This is a one-way inbound pull integration that pulls



GT&C information as well as attachments that have been entered and fully approved in the Treasury G-Invoicing system. GT&C will be pulled for all business lines. GT&Cs with an Open for Order or Closed status will be pulled.

GT&C Query

The GT&C Query serves as a central point for all G-Invoicing General Terms and Conditions (GT&C) information. The GT&C Query provides the ability to review Requester and Servicer GT&C information between trading partners. Although integrated records are stored in Pegasys, changes need to be negotiated within the Treasury G-Invoicing system prior to the one-way pull integration retrieving the updated GT&C information from G-Invoicing into Pegasys. Once the GT&C has been approved and is an Open for Orders Status, the GT&C information can be referenced on the G-Invoicing Orders created in the Treasury G-Invoicing system and on the G-Invoicing Order Authorizations (OA) documents in Pegasys.

Steps to view information on the GT&C Query:

1. Navigate to Queries \rightarrow General System \rightarrow G-Invoicing \rightarrow GT&C Query.

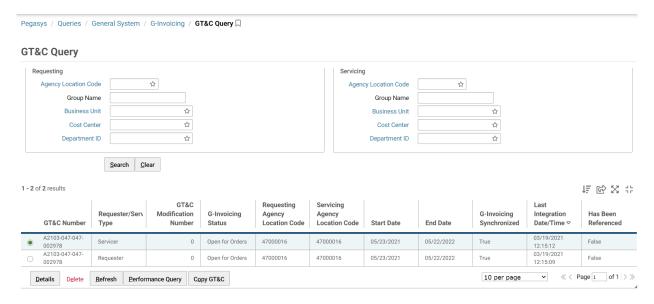
Pegasys / Queries / General System / G-Invoicing / GT&C Query **GT&C Query** Basic Search Advanced Search GT&C Number GT&C Modification Number Requester/Servicer Type Agreement Start Date \Box G-Invoicing Status Agreement End Date Ö Security Org ☆ G-Invoicing Synchronized Requesting Agency Location Code Group Name Group Name Business Unit ☆ ☆ ☆ ☆ Cost Center Cost Center Search Clear

Figure 2: GT&C Query Search Criteria

2. Enter Search Criteria and select the **Search** button.

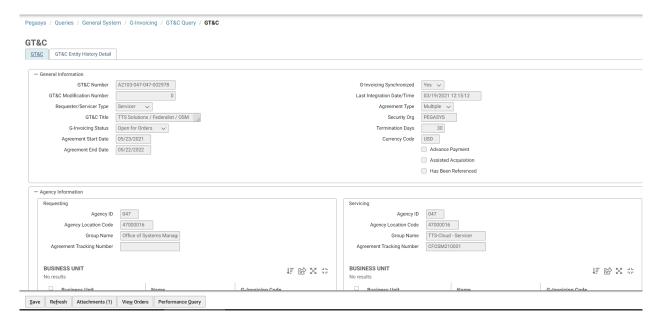


Figure 3: GT&C Query Search Results



- 3. Select the desired record and select the **Details** button.
- 4. View the GT&C tab.

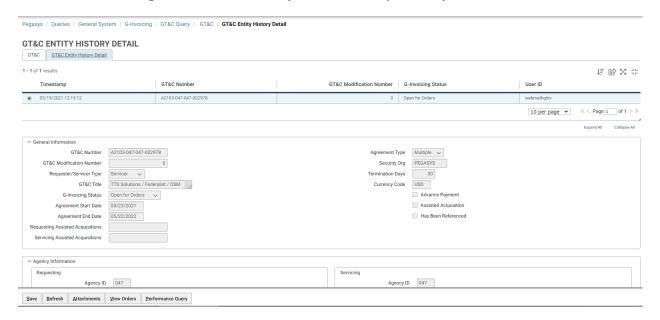
Figure 4: GT&C Query GT&C Tab



- 5. Select the GT&C Entity History Detail tab.
- 6. Select a record to view the details.



Figure 5: GT&C Query GT&C Entity History Detail Tab



The steps above are used for both the Servicer (Seller) and the Requestor (Buyer).

G-Invoicing Orders Overview

G-Invoicing Orders are manually entered in G-Invoicing, then pulled into Pegasys via the Pegasys Order Integration. This is a one-way inbound pull integration that pulls Order information as well as attachments that have been entered and fully approved in the Treasury G-Invoicing system. Orders will be pulled for Region 6 Manual Business Lines as a Servicer and FIOD and FSD as a Requester (USDA Payables). Orders with an Open or Closed status will be pulled.

NOTE: At this time, all Orders, Admin Changes and Mods will be done manually in G-Invoicing and then brought into Pegasys once fully approved and in Open status.

NOTE: For a given G-Invoicing Order Number and Requester/Servicer Type, there will be one Order Authorization (OA) document in Pegasys that will get amended for both Admin Changes and Mods; depending on agency approval configuration, the OA may process or may be routed to a user's Inbox for approval.

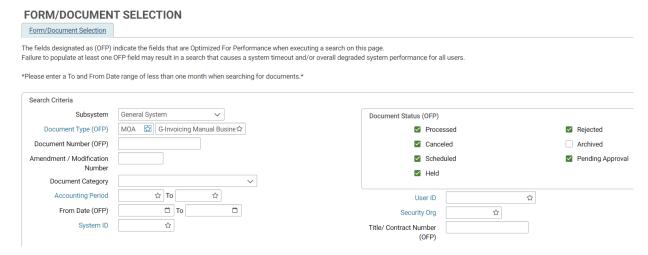
Verify an Order Authorization is Processed in Pegasys

Steps to verify an Order Authorization is processed in Pegasys:

- 1. Navigate to Transactions → Form/Document Selection.
- 2. Enter **Document Type** MOA.

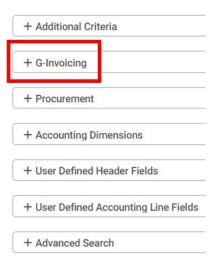


Figure 6: Form/Document Selection Query Search for an MOA



3. Scroll to the G-Invoicing section.

Figure 7: Form/Document Selection G-Invoicing Section Selection



4. Select the + to expand the G-Invoicing section.

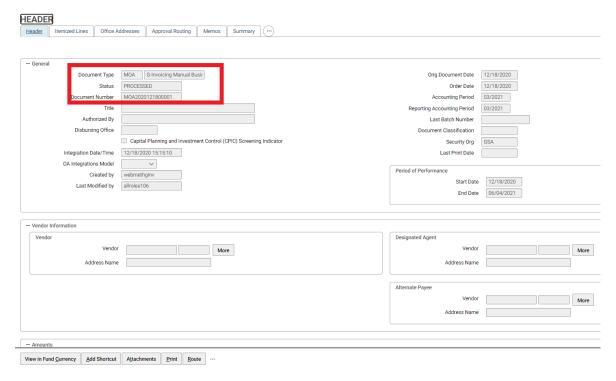
Figure 8: Form/Document Selection G-Invoicing Section



- 5. Enter the **Order Number** and select **Search**.
- 6. Select the returned document and select View. The Order Authorization Header is displayed.

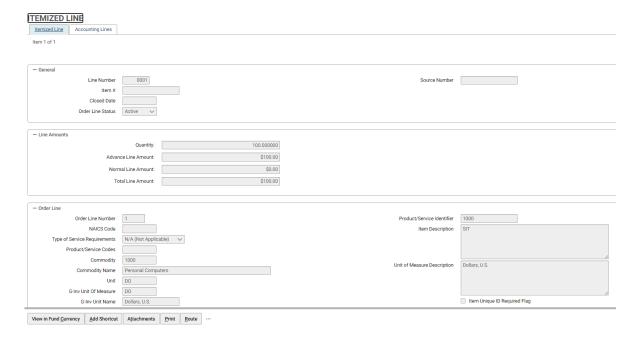


Figure 9: Order Authorization Header Page



- 7. Select the **Itemized Lines** tab.
- 8. Select an Itemized Line and select the **Itemized Line** tab.

Figure 10: Order Authorization Itemized Line Page





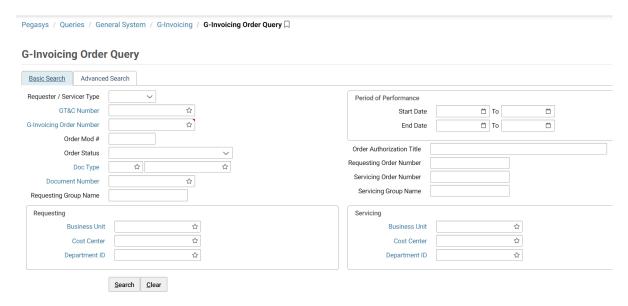
G-Invoicing Order Query

The G-Invoicing Order Query contains the pertinent information from the G-invoicing Authorization (OA) document in Pegasys.

Steps to view an Order Authorization on the G-Invoicing Order Query:

1. Navigate to Queries \rightarrow General System \rightarrow G-Invoicing \rightarrow G-Invoicing Order Query.

Figure 11: G-Invoicing Order Query



- 2. Enter a G-Invoicing Order Number and select Search.
- 3. Select the results and select the **Details** button.

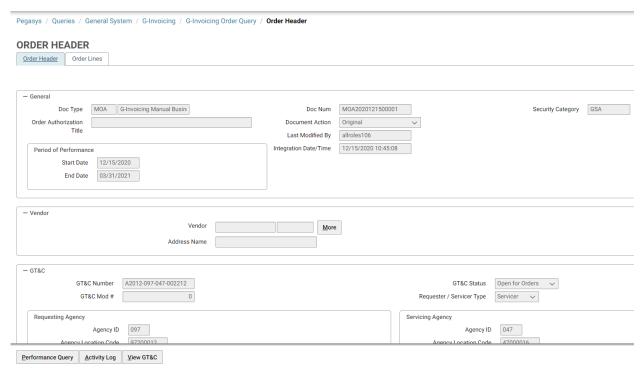
Figure 12: G-Invoicing Order Query Item Collection



4. View the Order Header.

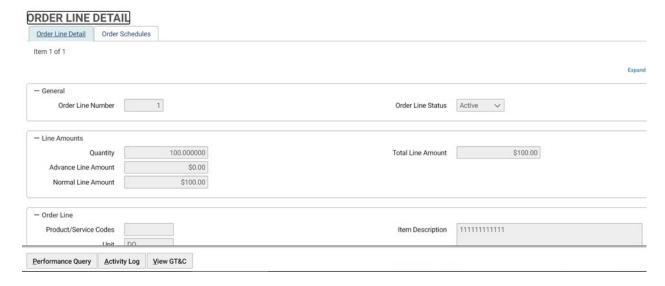


Figure 13: G-Invoicing Order Query Order Header Page



- 5. Select the **Order Lines** tab to view additional details.
- 6. Select a record and select the Order Line Detail tab.

Figure 14: G-Invoicing Order Query Order Line Detail Page



NOTE: Order Authorization documents do not update the General Ledger.

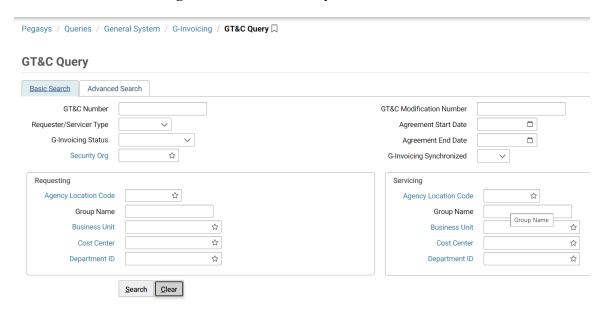


Verify GT&C Query Updates

Steps to verify the GT&C Query was updated for the Order Authorization:

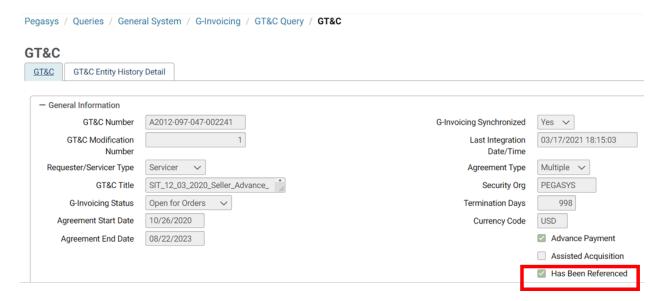
1. Navigate to Queries \rightarrow General System \rightarrow G-Invoicing \rightarrow GT&C Query.

Figure 15: GT&C Query Search Criteria



- 2. Enter Search Criteria and select the **Search** button.
- 3. Select the desired record and select the **Details** button.
- 4. Ensure the Has Been Referenced flag is selected.

Figure 16: GT&C Query Has Been Referenced Field





5. View the Fees and Amounts section.

Figure 17: GT&C Query Fees and Amounts Section



G-Invoicing Performance and Settlement/Remittance Overview

Performance and Settlement/Remittance will be pushed from Pegasys to G-Invoicing as well as pulled from G-Invoicing into Pegasys via the corresponding Pegasys Baseline Performance integration. This is a two-way outbound and inbound integration for G-Invoicing Performance / Settlement transactions. It does not include push / pull for attachments and push of Performance adjustments and advance offsets. Performance and Settlement/Remittance will be pushed and pulled for Region 6 Manual Business Lines as a Servicer and Region 6 and Region 7 as a Requester (USDA Payables). Pending Settlement, Settlement Complete & Informational Performance records will be both pushed or pulled.

Performance and Settlement Options

The Treasury Intergovernmental Payment and Collection (IPAC) system handles the Settlement of Performance records. The Treasury G-Invoicing system will send records to the Treasury IPAC system to move the funds between the two agencies (i.e., IPAC Settlement). The amount and timing of the IPAC Settlement depends on two factors. The first factor is the Schedule Type (Normal vs Advance), and the second is the Freight On Board (FOB) setting (Source, Destination or Other) that was negotiated on the G-Invoicing Order. **Table 1** summarizes the various Settlement scenarios based on the different Performance Type and FOB combinations.



Table 1: Settlement Scenarios Based on Performance Type and FOB

Performance Type	FOB Source	FOB Destination or Other
035 – Delivered / Performed (Servicer Initiated) for Normal Schedule	IPAC settlement occurs based on the Servicer 035-Delivered / Performed record submitted to G-Invoicing.	No IPAC settlement occurs for the Servicer 035-Delivered / Performed record. Settlement must wait for Requester 050 – Received / Accepted response.
050-Received/ Accepted (Requester Initiated) for Normal Schedule	Optional	Required and will trigger the IPAC settlement for the amount of the Requester 050 – Received/ Accepted record submitted to G-Invoicing.
548-Advance (Servicer Initiated) for Advance Schedule	IPAC settlement occurs based on the Servicer 548-Advance record submitted to G-Invoicing, regardless of FOB.	IPAC settlement occurs based on the Servicer 548-Advance record submitted to G-Invoicing, regardless of FOB.

NOTE: Within the Treasury G-Invoicing system, note that only Servicing Agencies can submit the 035 – Delivered / Performed and the 548 – Advance Performance record and only Requesting Agencies can submit the 050 – Received / Accepted Performance records.

For the FOB Destination Normal line Schedules, there is also a setting called the Constructive Receipt Days that is negotiated on the G-Invoicing Order. For FOB Destination or Other Normal type Schedules, the IPAC settlement is dependent upon the Requesting Agency submitting their 050 – Received / Accepted record in response to the Servicing Agency's 035 – Delivered / Performed record. If the Requesting Agency fails to submit their 050 – Received / Accepted record in a timely manner the IPAC settlement will automatically occur based on the dollar amount of the Servicer's 035 – Delivered / Performed record after the number of days indicated by the Constructive Receipt Days setting for the Order.

Performance and Settlement Business Process for FOB=Source

The Performance and Settlement process for 035-Delivered/Performed transactions for FOB=Source and all 548-Advance transactions regardless of FOB designations is as follows. The Servicing Agency initiates the process in one of two ways; by manually entering Performance records in the G-Invoicing system or by integrating them into the G-Invoicing system from Pegasys bills using the Outbound Crosswalk and Outbound Performance Push integration. In these scenarios, Settlement is based solely on the information submitted by the Servicing Agency. Settlement information is returned to the Requesting Agency via the Inbound Performance Pull integration, reconciled to an Obligation, and a Payment is created to reflect the movement of funds for the buyer. On the Servicing Agency side, Settlement information is



returned via the Inbound Performance Pull integration, reconciled to a Bill, and a Cash Receipt is created to reflect the movement of funds for the seller.

Performance and Settlement Business Process for FOB=Destination

The Performance and Settlement process for the 035-Delivered/Performed transactions for FOB=Destination is similar to the scenario above. The Servicing Agency can initiate the process by manually entering information into the G-invoicing system or integrating information using the Outbound Performance Push integration. However, the G-Invoicing system marks these 035-Delivered/Performed transactions as informational and Settlement must wait for the Requesting Agency's 050-Received/Accepted response.

Just as the Servicing Agency has the option to integrate outbound Performance records or manually enter them directly in the G-Invoicing system, the Requesting Agency has two options for entering their 050-Received/Accepted response.

If the Requesting Agency has configured the Outbound Performance Push Integration, it will cycle through the steps to crosswalk the 035-Delivered/Performed Informational transaction, reconcile it to an obligation and create a payment. The Requesting Agency has the opportunity to modify the amount of the payment based on their determination on what goods or services have been received before processing. This payment can subsequently be integrated back to the G-Invoicing system as the 050-Received/Accepted response.

Alternately, if the Outbound Performance Push integration has not been configured, the Requesting Agency can enter the 050-Received/Accepted response directly in the G-Invoicing system. If the Requesting Agency plans to manually enter their 050-Received/Accepted responses in the G-Invoicing system, they should configure their process to ignore the Servicer 035-Delivered/Performed Informational record from the Inbound Performance Pull integration.

The Inbound 035-Delivered/Performed informational transaction received into Pegasys always is ignored by Servicing Agency and no cash receipt is created at this point.

Outbound Crosswalk (GSGINVXWOT) Configuration

Transactions that are eligible for Outbound Performance integration are cross-walked from the Pegasys transactions to the G-Invoicing / IPAC Staging Query using the G-Invoicing Outbound Crosswalk (GSGINVXWOT) batch process and associated cross walking rules. Servicer Outbound Bills will use the Outbound Billing Document (GINVOUTBD) crosswalk type and associated rules. Requester Outbound Payments will use the Outbound Header Itemized Payment Document (GINVOUTIPH) or Outbound Itemized Line Itemized Payment (GINVOUTIPI) crosswalk type and associated rules.

This process can be configured to run according to a predefined schedule or on demand by users with Run permission on the /.:/Batch Execution/Batch Job/GSGINVXWOT security category.



Crosswalk rules have been configure for each crosswalk type to retrieve required information from Pegasys document lines in preparation for Outbound Performance Push integration. These rules are baseline configurations and do not support user modification. Baseline crosswalk rules should not be altered. Doing so will introduce data inconsistencies in the data that is being sent to G-Invoicing and will cause issues with the integration.

For additional information on G-Invoicing, please see BAAR User Guide 8 of 10, Section 6.